

Drawings:

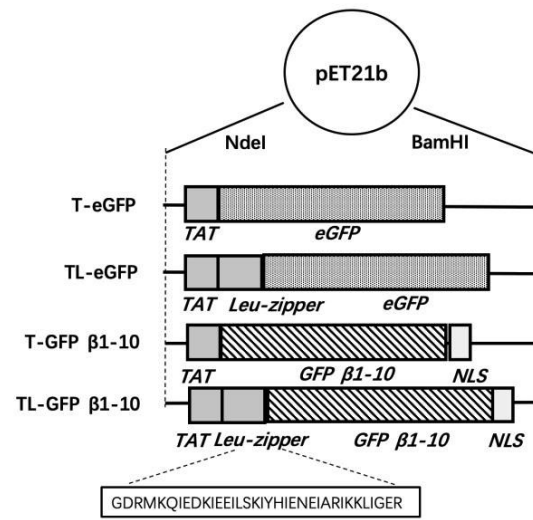


FIG. 1

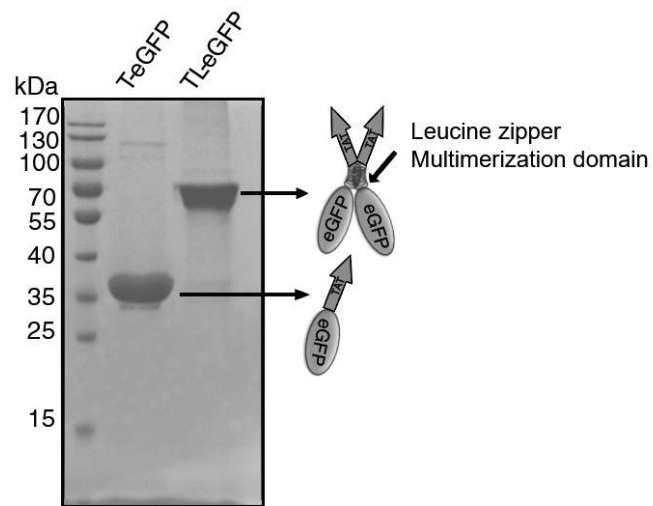


FIG. 2

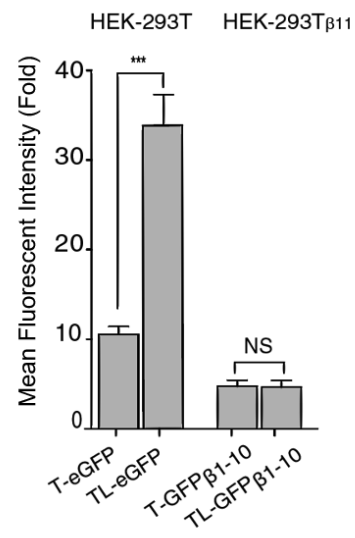


FIG. 3

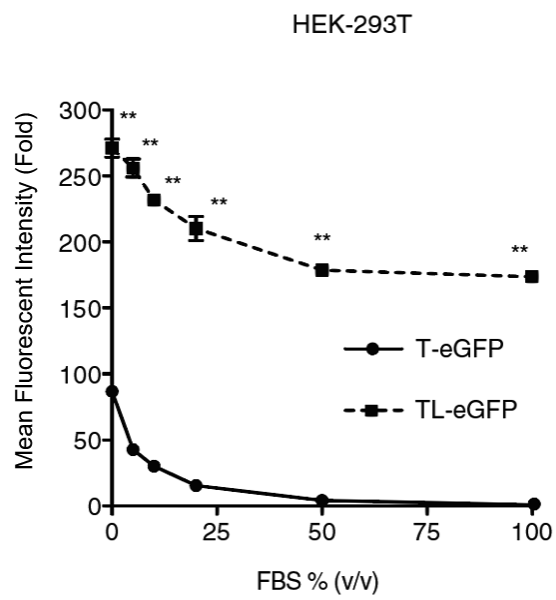


FIG. 4

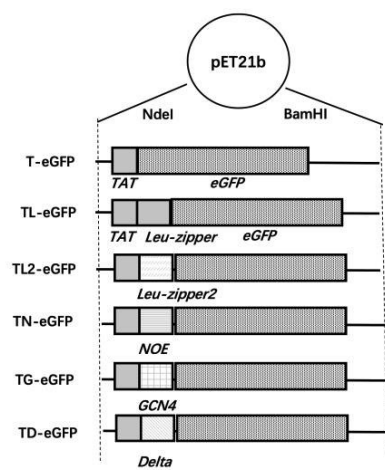


FIG. 5

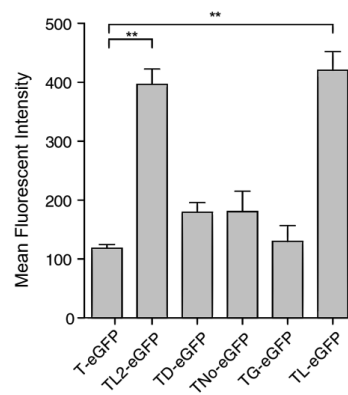


FIG. 6

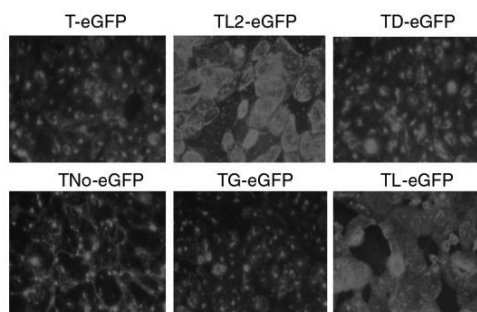


FIG. 7

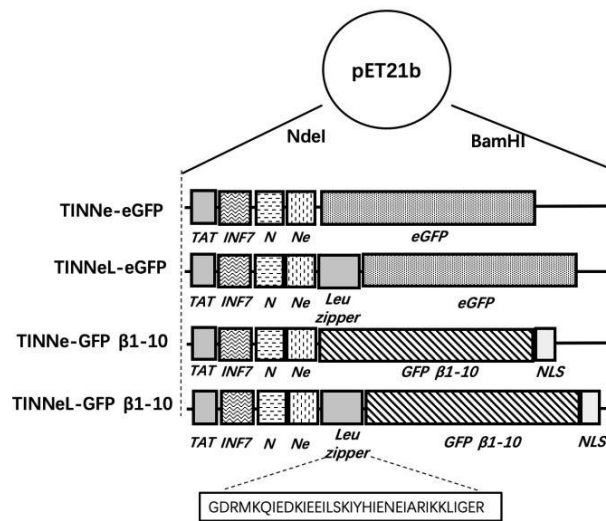


FIG. 8

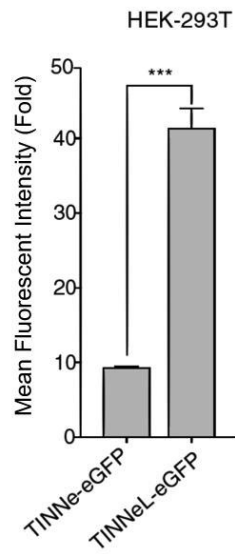
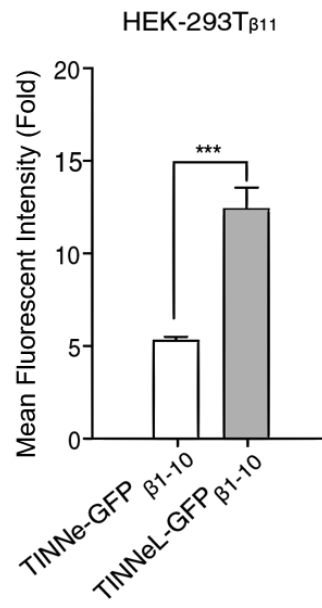
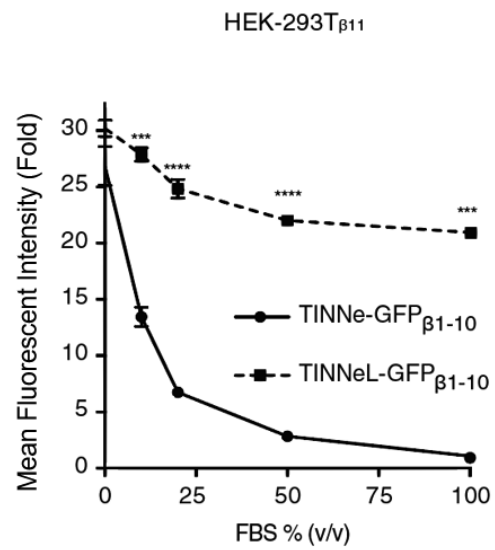
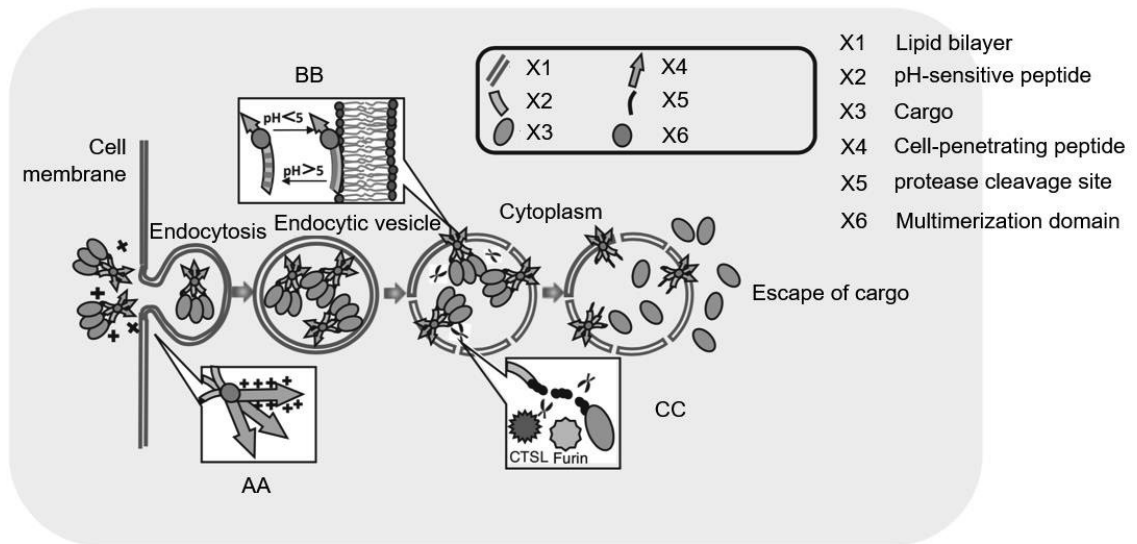


FIG. 9

**FIG. 10****FIG. 11**



- AA Multimerization increases the local concentration of cell-penetrating peptide and thereby improving endocytosis efficiency and the tolerance under serum conditions.
- BB Disruption of the membrane of endocytic vesicle by pH-sensitive peptide.
- CC Endocytic vesicle-specific protease separates the cargo from the fusion peptide of delivery system.

FIG. 12

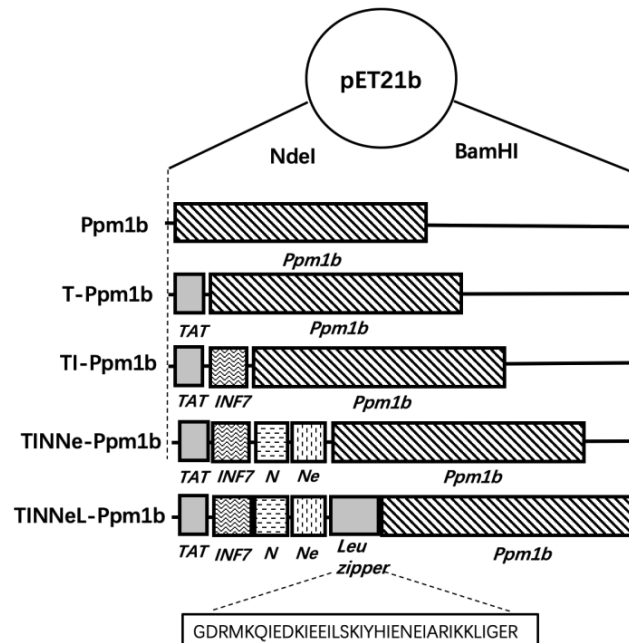


FIG. 13

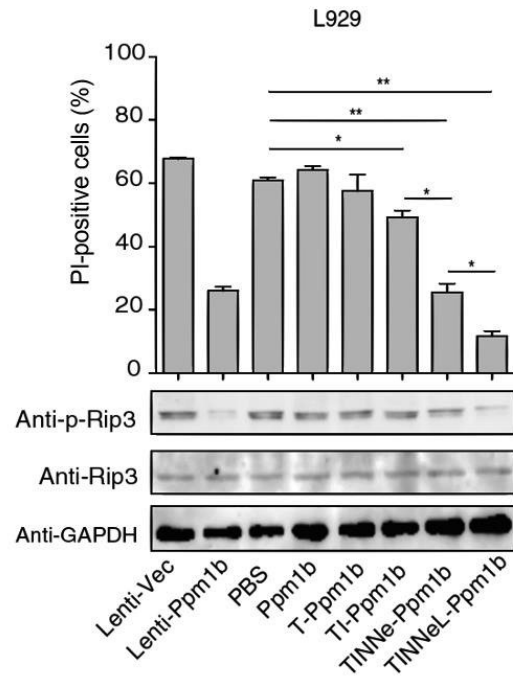


FIG. 14

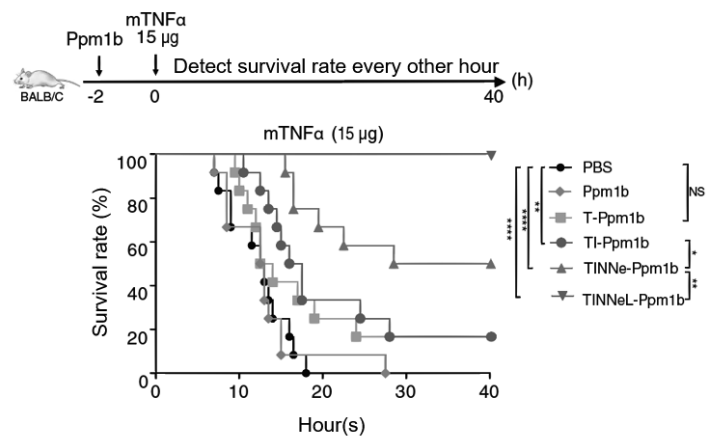


FIG. 15

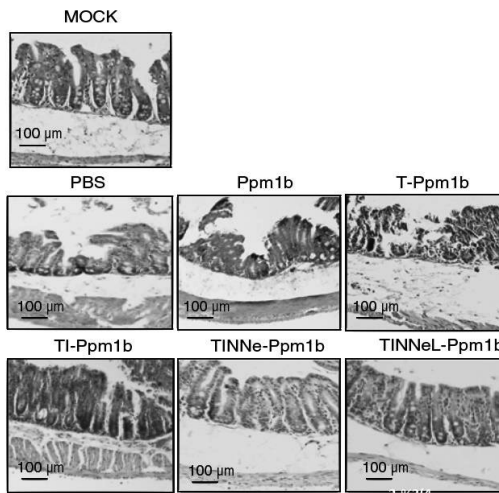


FIG. 16

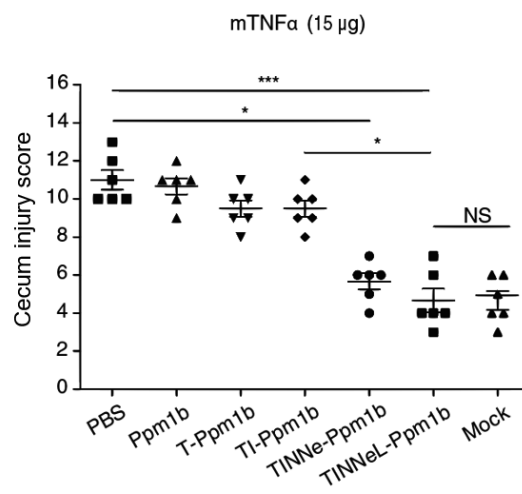


FIG. 17

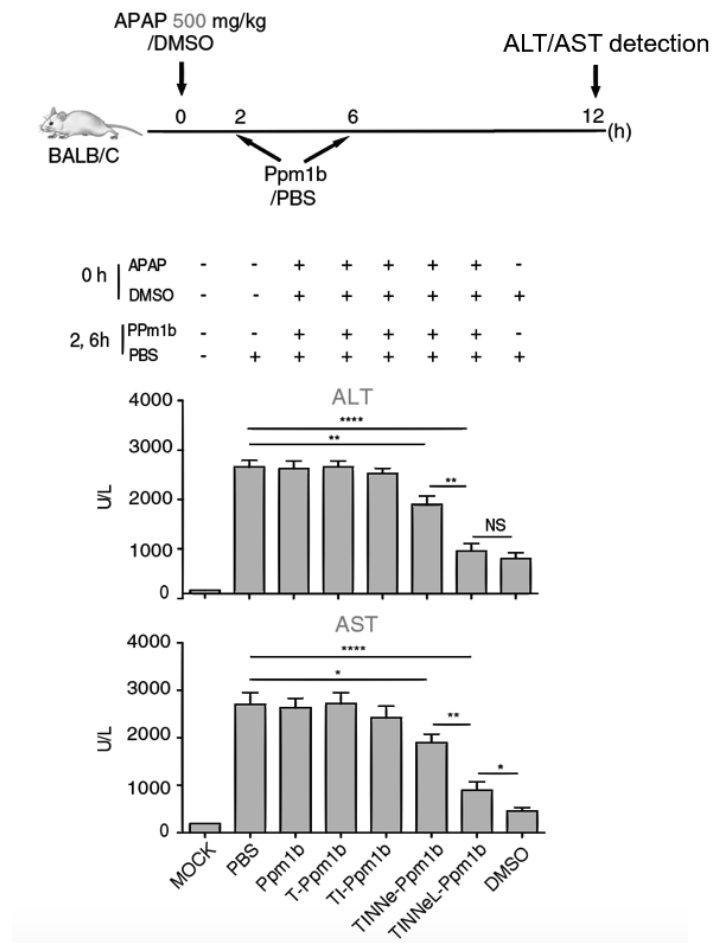


FIG. 18

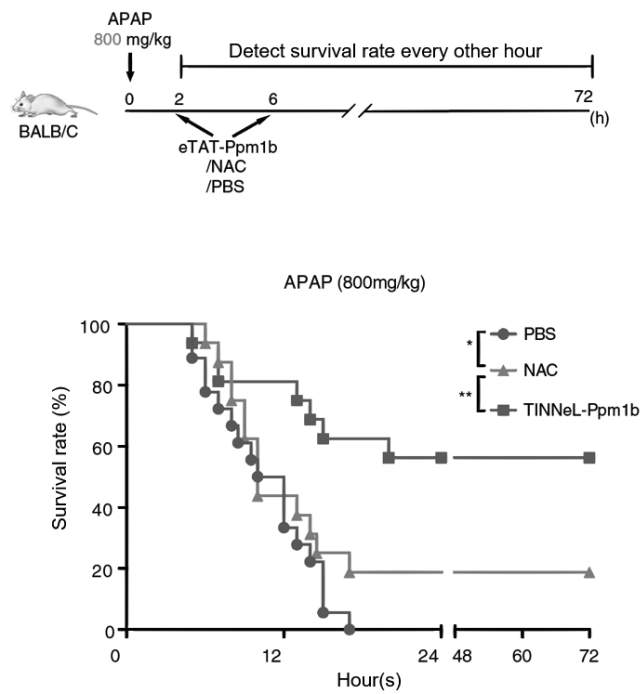


FIG. 19

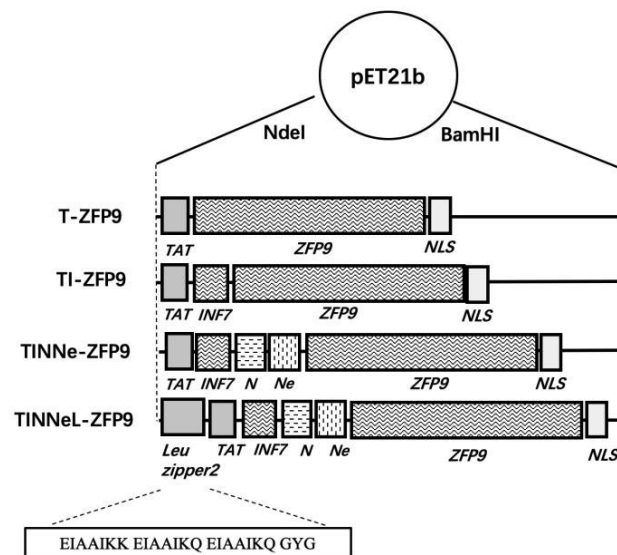


FIG. 20

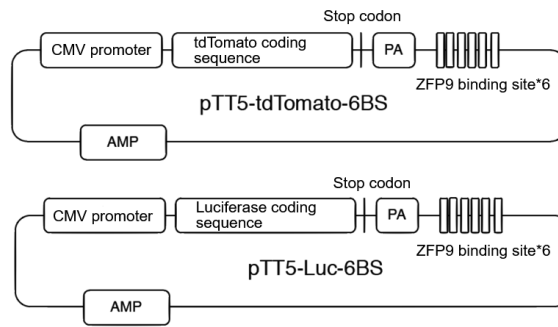


FIG. 21

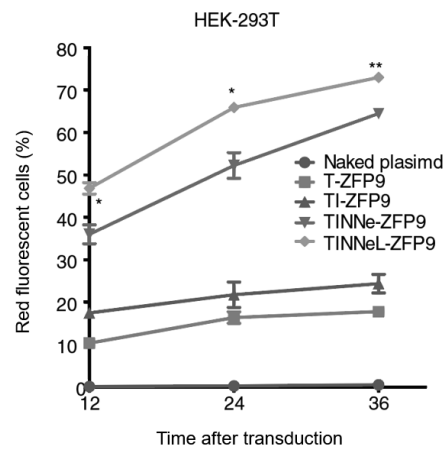


FIG. 22

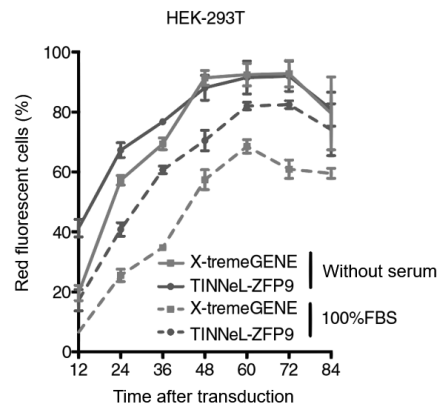


FIG. 23

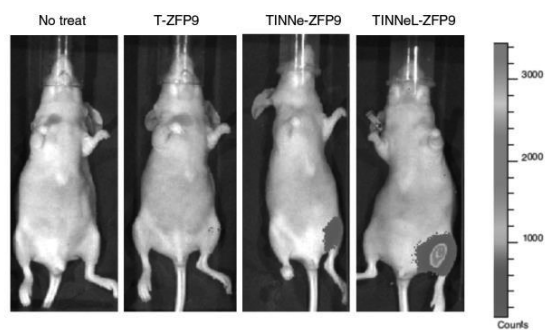


FIG. 24

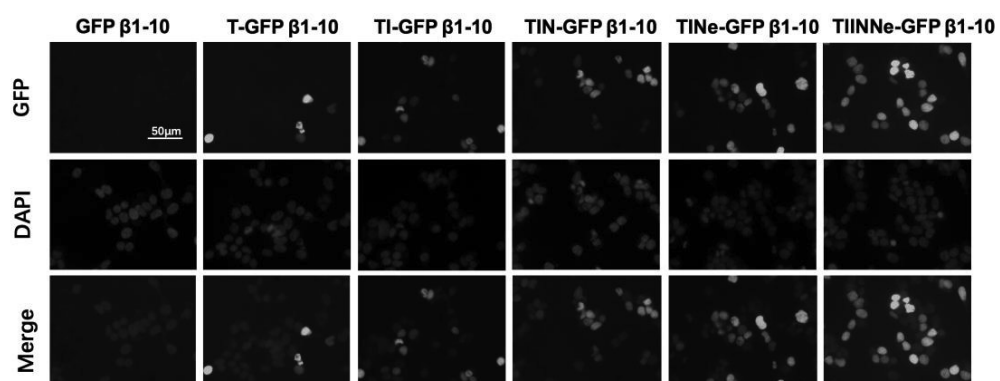


FIG. 25